

**Notice of Allowability**

Application No.

10/779,654

Examiner

Anabel M. Ton

Applicant(s)

CHEN ET AL.

Art Unit

2875

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/06/05.
2. ☒ The allowed claim(s) is/are 1 and 5-7.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 1 and 5-7 are allowed.
2. The following is an examiner's statement of reasons for allowance: The prior art cited does not teach the following:
  - Palm (5,169,225) although teaching a power drill with a light source to illuminate in the direction of the area to be drilled and a switch to control the illumination of the light source, Palm does not teach the combination of a lamp assembly for projecting light on the tool, the projection of the light being within a predetermined range around the tool, a battery back detachably connected to the second shell member for supplying electricity for the electric motor and lamps, a first switch mounted on the base plate for controlling the battery pack to supply electricity for the lamps, a power detective circuit for detecting power storage of the battery back the power detective circuit having a detection outcome output electrically connected with the lamps for displaying the power storage by a number of the lamps that are illumination and a second switch mounted on the base plate for controlling the display of the power storage of the battery pack.
  - Liu (RE38,729) although disclosing a electric power tool having a driving shaft controlled by a switch which electrically connected between the batteries and the driving shaft, an illuminating device including two bulbs attached beside the driving shaft and the bulbs are electrically connected to a switch so that when turning on the switch the bulbs light to illuminate the object to be illuminated, a

shutoff device is connected between the switch and the bulbs and the shutoff device is controlled by a button attached to the barrel portion beside the switch, therefore the shutoff device can be turned on independently from the switch while the driving shaft is rotated; Liu does not teach the combination of a lamp assembly for projecting light on the tool, the projection of the light being within a predetermined range around the tool, a battery back detachably connected to the second shell member for supplying electricity for the electric motor and lamps, a first switch mounted on the base plate for controlling the battery pack to supply electricity for the lamps, a power detective circuit for detecting power storage of the battery back the power detective circuit having a detection outcome output electrically connected with the lamps for displaying the power storage by a number of the lamps that are illumination and a second switch mounted on the base plate for controlling the display of the power storage of the battery pack.

- Suzuki et al (6,607,041) although disclosing a power tool with a battery back and indicator lights in red and green that display a particular condition of the microprocessor of the power tool, Suzuki et al fails to teach the combination of a lamp assembly for projecting light on the tool, the projection of the light being within a predetermined range around the tool, a battery back detachably connected to the second shell member for supplying electricity for the electric motor and lamps, a first switch mounted on the base plate for controlling the battery pack to supply electricity for the lamps, a power detective circuit for detecting power storage of the battery back the power detective circuit having a

detection outcome output electrically connected with the lamps for displaying the power storage by a number of the lamps that are illumination and a second switch mounted on the base plate for controlling the display of the power storage of the battery pack.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anabel M. Ton whose telephone number is (571) 272-2382. The examiner can normally be reached on 08:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Sandra O'Shea  
Supervisory Patent Examiner  
Technology Center 2800

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Anabel M Ton  
Examiner  
Art Unit 2875

AMT



Sandra O'Shea  
Supervisory Patent Examiner  
Technology Center 2800